



SIXTH EUROPEAN ROAD SAFETY DAY
Athens, 9 May 2014
"Safe and smart infrastructure"



Workshop 1:

*Towards safer and smarter infrastructure – How to push
development – Road safety strategy and measures*

Professor George Kanellaidis

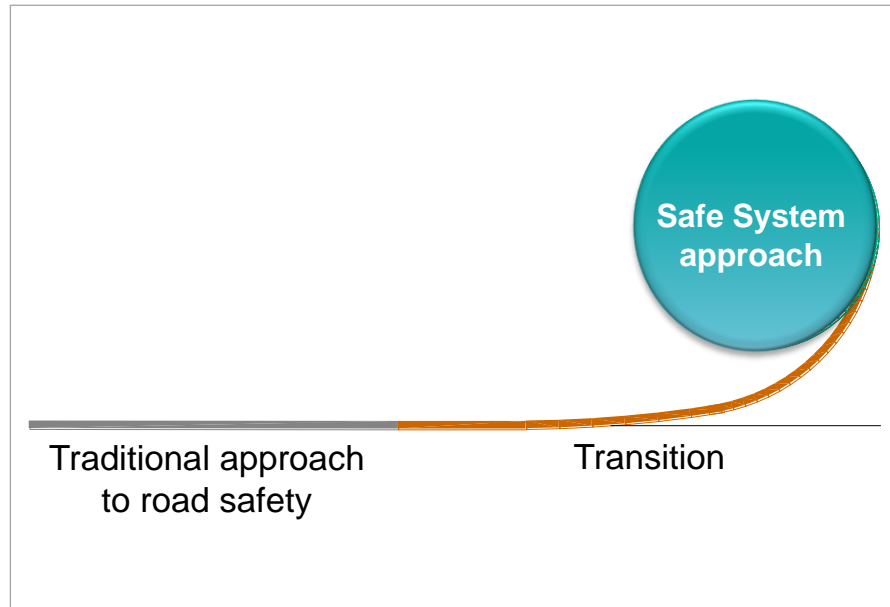


National Technical University of Athens
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EU Road Safety Strategy

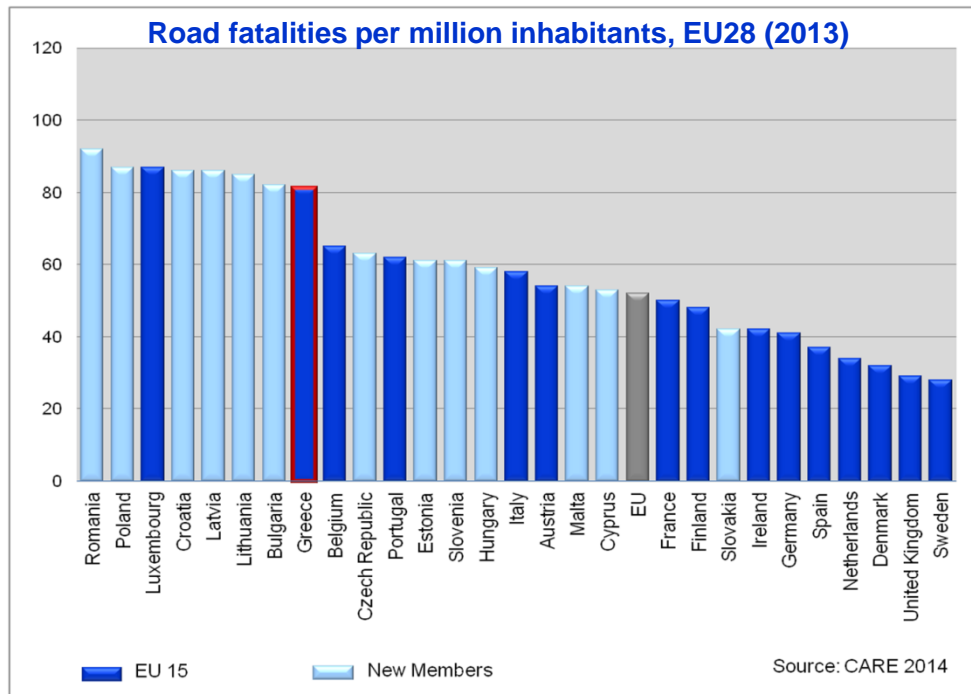
- Adopt Safe System approach to improving road safety. Safe System approach has been already embraced in aviation, rail and shipping transport systems.
- Strategic objective: development of a road safety culture in the EU.
- Establish a European Road Safety Agency similar to EU Aviation and Rail Agencies.
- Sustained commitment to the strategy at the highest EU level. European Council (head of states or governments in the EU).
- Make road safety education part of EU Road Safety Strategy. Stable foundation to develop road safety culture.

Towards an EU Safe System approach to road safety



- Narrow the gap between current road behavioural norms and Safe System principles.
 - Promote safety culture at individual, organization and Community level to shape and change attitudes towards safe and socially responsible behaviour in road traffic.
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- The real challenge for those who conceived the Safe System approach to road safety and for the EU research community lies in exploring effective methods and measures for the design and implementation of a successful, smooth and adequate transition leading from the traditional approach to the Safe System approach.

Towards EU-level safety cohesion



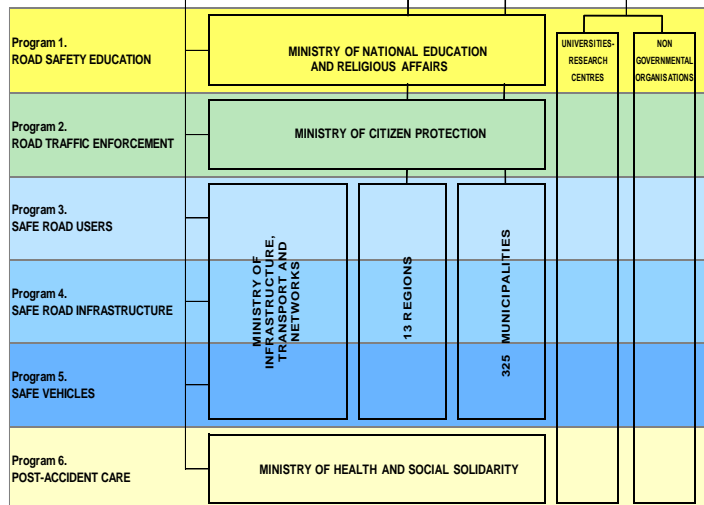
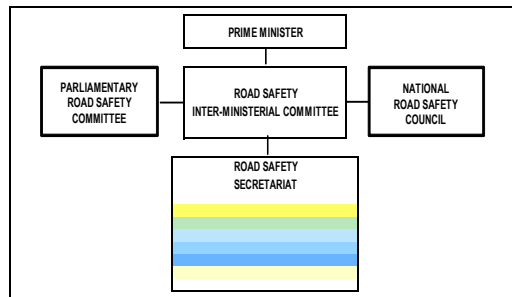
- The Union and Member States shall have shared competence to promote EU Road Safety Strategy and social/safety cohesion (Treaty of the functioning of the European Union, Principles).
- Exploit the accumulated experience of the best performing EU countries in road safety.
- Establish a European Union Association like AASHTO, FHWA (USA) and Austroads (Australia), preferably ***EUroads***.

- Develop a framework of an EU guide to a safe-by-design road system, integrating safety and human factor issues into road design guidelines. Publish an **EUroads** road geometric design guide and an **EUroads** road safety audit guide.
- Revise and update Directive 2008/96/EC on road infrastructure safety management, engaging qualified safety engineers with hands-on experience, specifically in road safety audits.

Road Safety Strategic Plan in Greece, 2011-2020

- Target of the Strategic Plan

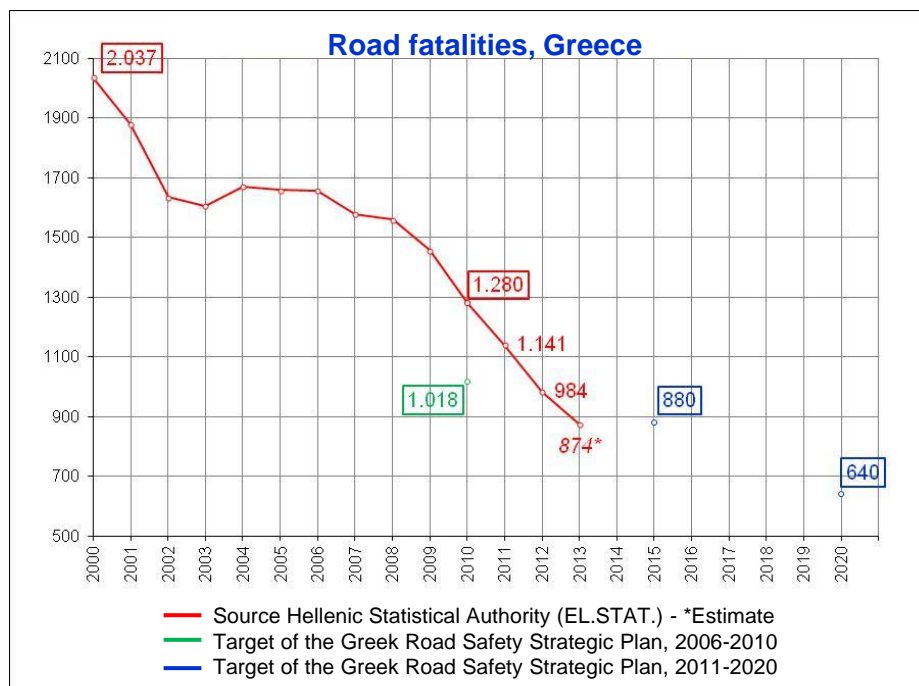
- The number of road fatalities in 2020 must be lower than 640
- Strategic objective: development of road safety culture



- Six programmes: Road Safety Education, Road Traffic Enforcement, Safe Road Users, Safe Road Infrastructure, Safe Vehicles, Post-Accident Care
- Inter-ministerial Committee
- Four Ministries: Ministry of Education, Ministry of Infrastructure, Transport and Networks, Ministry of Citizen Protection and Ministry of Health
- Applied at national, regional and local level by ministries, regions and municipalities

On the road to sustained safety improvements in Greece

- Critical prerequisite:
 - Coordinated implementation, continuous monitoring and evaluation of the programmes of the Strategic Plan.



- Define related institutional roles and responsibility.
- Set up an effective system of accountability.
- Search for weaknesses and how best to overcome them.
- Strengthen a scientific approach to road safety.
- Raise public awareness.
- Promote public participation and gain public support.